Application No.: 10/561,152 Docket No.: 0171-1250PUS1

AMENDMENTS TO THE CLAIMS

- 1. & 2. (cancelled).
- 3. (previously presented) A polyimide precursor which comprises repeating units represented by formula (2) below

where R^1 and R^2 each independently denotes a hydrogen atom, a $C_{1:20}$ alkyl group, a $C_{1:20}$ alkoxyl group, or a $C_{1:20}$ fluoroalkyl group; "A" denotes a residue of tetracarboxylic acid; and n denotes an integer of 1 to 5000.

4. (previously presented) A polyimide which comprises repeating units represented by formula (3) below

$$\begin{array}{c|c}
H & H & N & CO \\
R^2 & N & N & CO & A & CO \\
R^1 & N & R^2 & CO & N
\end{array}$$

$$\begin{array}{c|c}
R^2 & N & N & R^2 & R^2$$

where R^1 and R^2 each independently denotes a hydrogen atom, a $C_{1:20}$ alkyl group, a $C_{1:20}$ alkoxyl group, or a $C_{1:20}$ fluoroalkyl group; "A" denotes a residue of tetracarboxylic acid; and n denotes an integer of 1 to 5000.

- 5. (currently amended) A polyimide precursor which is obtained by reaction between
- a diamine component containing at least 1 mol% of a diaminobenzene compound represented by formula (1) below

where R¹ and R² each independently denotes a hydrogen atom, a C₁₋₂₀ alkyl group, a C₁₋₂₀ alkoxyl group, or a C₁₋₂₀ fluoroalkyl group alkyl group, or alkoxyl group and

- a tetracarboxylic acid or a derivative thereof.
- (original) The polyimide precursor as defined in claim 5, wherein the tetracarboxylic acid or the derivative thereof is an aromatic tetracarboxylic acid or a derivative thereof.
- (original) The polyimide precursor as defined in claim 6, wherein the aromatic tetracarboxylic acid is a tetracarboxylic acid having phenyl groups or substituted phenyl groups.
- (currently amended) A polyimide which is obtained by ring-closing reaction from any of polyimide precursors obtained by reaction between
- a diamine component containing at least 1 mol% of a diaminobenzene compound represented by formula (1) below

where R¹ and R² each independently denotes a hydrogen atom, <u>a C₁₋₂₀ alkyl group</u>, a C₁₋₂₀ alkoxyl group, or a C₁₋₂₀ fluoroalkyl group alkyl group, or alkoxyl group; and

- a tetracarboxylic acid or a derivative thereof.
- (previously presented) A charge carrier transporting film which is formed from the polyimide as defined in claim 4.
- 10. (previously presented) An organic transistor device which comprises the charge carrier transporting film as defined in claim 9.
- 11. (original) An organic light emitting diode which has at least one layer of the charge carrier transporting film as defined in claim 9.
- 12. (previously presented) A fluorescent filter which comprises the charge carrier transporting film as defined in claim 9.
- 13. (previously presented) A liquid crystal alignment film which comprises the charge carrier transporting film as defined in claim 9.

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14. (previously presented) The polyimide precursor as defined in claim 5, wherein R^1 and R^2 each independently denotes a $C_{1\cdot 20}$ alkyl group, $C_{1\cdot 20}$ alkoxyl group, or $C_{1\cdot 20}$ fluoroalkyl group.

15. (previously presented) The polyimide as defined in claim 8, wherein R^1 and R^2 each independently denotes a $C_{1:20}$ alkyl group, $C_{1:20}$ alkoxyl group, or $C_{1:20}$ fluoroalkyl group.